

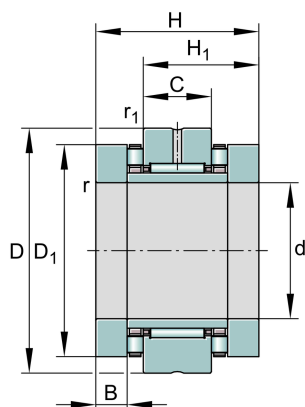
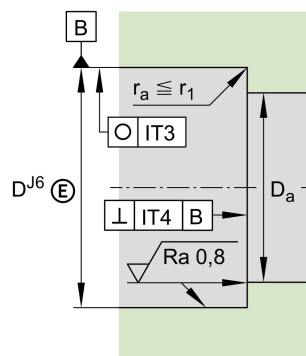
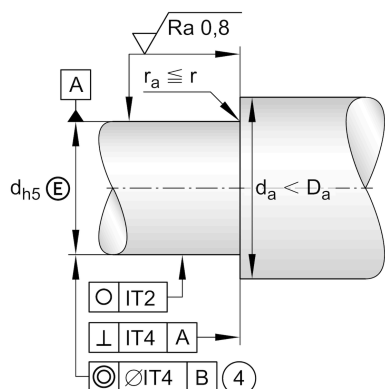
ZARN2062-TV

Axial/radial bearing

Schaeffler ID:
0016826600000

Needle roller/axial cylindrical roller bearings ZARN, double direction

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	62 mm	Outside diameter
H	60 mm	Height
C _a	64,000 N	Basic dynamic load rating, axial
C _{0a}	141,000 N	Basic static load rating, axial
C _r	22,600 N	Basic dynamic load rating, radial
C _{0r}	36,000 N	Basic static load rating, radial
C _{ua}	13,100 N	Fatigue load limit, axial
C _{ur}	5,200 N	Fatigue load limit, radial
n _{G Oil}	6,000 1/min	Limiting speed for oil lubrication
n _{G Grease}	1,500 1/min	Limiting speed for grease lubrication
M _{RL}	1.3 Nm	Bearing friction torque
	0.923 kg	Weight

Dimensions

H ₁	40 mm	Height outer ring over wave washer
c _{aL}	2,300 N/μm	Rigidity axial
c _{kL}	400 Nm/mrad	Tilting stiffness
C	20 mm	Width, outer ring
M _m	1.98 kg * cm ²	Mass moment of inertia
	1 μm	Axial runout
D ₁	52 mm	Rip diameter shaft washer
radial	ZMA20/52	Locknut 1
axial	AM20	Locknut 2
M _A	38 Nm	Tightening torque nut
B	12.5 mm	Width, inner ring
	17,623 N	Preload force axial
r _{min}	0.3 mm	Minimum chamfer dimension
r _{1 min}	0.6 mm	Minimum chamfer dimension

Mounting dimensions

$D_{a \max}$	53 mm	Maximum diameter of housing shoulder
$d_{a \min}$	38 mm	Minimum diameter shaft shoulder